



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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Joseph E. Kernan

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November 8, 2003

Mr. Steve C. Puolos

City of Valparaiso, Elden Kuehl Pollution Control Facility

P.O. Box 2417

Valparaiso, Indiana 46383

Re: **127-17946-00088**

Second Administrative Amendment to

T 127-10673-00088

Dear Mr. Puolos:

City of Valparaiso, Elden Kuehl Pollution Control Facility was issued AA 127-13987-00088 on March 20, 2001 to Part 70 127-10673-00088 to remove all natural gas-fired reciprocating internal combustion compressor engines coupled with blowers for a stationary wastewater treatment source. A letter requesting to eliminate the quarterly submittal of the Natural Gas-Fired Engine Certification was received on August 25, 2003. The changes are as follows with deleted language as ~~strikeouts~~ and new language **bolded**. Pursuant to the provisions of 326 IAC 2-7-11, the permit is hereby administratively amended as follows:

1. Because all of the natural gas-fired engines have been removed from the source, the following changes are made to the permit. Condition numbering has also been corrected.

Emission Limitations and Standards [326 IAC 2-7-5(1)]

~~D.1.1 Preventive Maintenance Plan [326 IAC 2-7-5(13)]~~

~~A Preventive Maintenance Plan, in accordance with Section B – Preventive Maintenance Plan, of this permit, is required for the two (2) natural gas-fired reciprocating internal combustion compressor engines coupled with blowers, known as Unit #1 and #2.~~

Compliance Determination Requirements

~~D.1.31 Digester Waste Gas~~

~~The digester waste gas-fired flare, known as Unit #3, shall be in operation and control emissions of digester gas at all times that the digester gas is vented to the flare or the digester gas shall be used as a fuel for the one (1) boiler, known as Boiler #1, rated at 6.75 million British thermal units per hour.~~

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

~~D.1.42 Flare Notations~~

- (a) Observations of the presence of a flame at the flare should be monitored once per shift when digester gas is vented to the flare. A trained employee shall record whether the flame is present.

- (b) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance of a flame at the flare.
- (c) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.1.53 Record Keeping Requirements

- (a) To document compliance with Condition D.1.42, the Permittee shall maintain records of observations of the presence of the flame at the flare once per shift.
- (b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

~~D.1.6 Reporting Requirements~~

- ~~(a) The Permittee shall certify, on the form provided, that natural gas was fired in each of the engines at all times during each quarter. Alternatively, the Permittee shall report the number of days during which an alternate fuel was burned during each quarter.~~
2. The requirement for the quarterly submittal of the Natural Gas-Fired Engine Certification has been deleted from the permit because all of the natural gas-fired engines have been removed from the source.

**~~INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION~~**

**~~PART 70 OPERATING PERMIT
NATURAL GAS-FIRED ENGINE CERTIFICATION~~**

Source Name: ~~City of Valparaiso, Elden Kuehl Pollution Control Facility~~
Source Address: ~~1251 Joliet Road, Valparaiso, Indiana 46383~~
Mailing Address: ~~1251 Joliet Road, Valparaiso, Indiana 46383~~
Part 70 Permit No.: ~~T 127-10673-00088~~

This certification shall be included when submitting monitoring, testing reports/results or other documents as required by this permit.		
<u>Report period</u>		
Beginning:		
Ending:		
<u>Engine Affected</u>	<u>Alternate Fuel</u>	<u>Days burning alternate fuel</u>
		<u>From</u> <u>To</u>
<hr/>		
<hr/>		

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
Signature:
Printed Name:
Title/Position:
Date:

~~A certification by the responsible official as defined by 326 IAC 2-7-1(34) is required for this report.~~

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Stephanie A. Ryan, c/o OAQ, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana, 46206-6015, at 631-691-3395 or in Indiana at 1-800-451-6027 (ext 631-691-3395).

Sincerely,

Original Signed by Paul Dubenetzky
Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

Attachments

City of Valparaiso, Elden Kuehl Pollution Control Facility
Pollution Control Facility
Valparaiso, IN 46383

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Second Administrative Amendment 127-17946-00088

SAR/MES

cc: File - Porter County
U.S. EPA, Region V
Porter County Health Department
Northwest Regional Office
Air Compliance Section Inspector - Rick Massoels
Compliance Branch - Karen Ampil
Administrative and Development
Technical Support and Modeling - Michele Boner



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PART 70 OPERATING PERMIT OFFICE OF AIR QUALITY

City of Valparaiso, Elden Kuehl Pollution Control Facility 1251 Joliet Road Valparaiso, Indiana 46383

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 and 326 IAC 2-1-3.2 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T 127-10673-00088	
Original Signed by: Janet G. McCabe, Assistant Commissioner Office of Air Quality	Issuance Date: December 29, 2000 Expiration Date: December 29, 2005

First Administrative Amendment, issued March 20, 2001

Second Administrative Amendment: AA 127-17946-00088		Pages Affected: Cover page, 3, 25, 34
Issued by: Original Signed by Paul Dubenetzky Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: November 8, 2003	

Compliance Requirements [326 IAC 2-1.1-11]

C.9 Compliance Requirements [326 IAC 2-1.1-11]

Compliance Monitoring Requirements [326 IAC 2-7-5(1)] [326 IAC 2-7-6(1)]

C.10 Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

C.11 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]

Corrective Actions and Response Steps [326 IAC 2-7-5] [326 IAC 2-7-6]

C.12 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]

C.13 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68.215]

C.14 Compliance Monitoring Plan - Failure to Take Response Steps [326 IAC 2-7-5]
[326 IAC 2-7-6]

C.15 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5]
[326 IAC 2-7-6]

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

C.16 Emission Statement [326 IAC 2-7-5(3)(C)(iii)] [326 IAC 2-7-5(7)] [326 IAC 2-7-19(c)]
[326 IAC 2-6]

C.17 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6]

C.18 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11]

Stratospheric Ozone Protection

C.19 Compliance with 40 CFR 82 and 326 IAC 22-1

D.1 FACILITY OPERATION CONDITIONS: Flare 25

Compliance Determination Requirements

D.1.1 Digester Waste Gas

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

D.1.2 Flare Notations

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.1.3 Record Keeping Requirements

D.2 FACILITY OPERATION CONDITIONS: Insignificant Activities 26

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.2.1 Particulate Matter Limitation (PM) [326 IAC 6-2-4]

D.2.2 Volatile Organic Compounds (VOC) [326 IAC 8-3-2]

D.2.3 Volatile Organic Compounds (VOC) [326 IAC 8-3-5]

Certification 28

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SECTION D.1

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]:

- (a) One (1) digester waste gas-fired flare, known as Unit #3, installed in 1983, exhausted through Stack #3, rated at 1.15 million British thermal units per hour.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Compliance Determination Requirements

D.1.1 Digester Waste Gas

The digester waste gas-fired flare, known as Unit #3, shall be in operation and control emissions of digester gas at all times that the digester gas is vented to the flare or the digester gas shall be used as a fuel for the one (1) boiler, known as Boiler #1, rated at 6.75 million British thermal units per hour.

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

D.1.2 Flare Notations

- (a) Observations of the presence of a flame at the flare should be monitored once per shift when digester gas is vented to the flare. A trained employee shall record whether the flame is present.
- (b) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance of a flame at the flare.
- (c) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.1.3 Record Keeping Requirements

- (a) To document compliance with Condition D.1.2, the Permittee shall maintain records of observations of the presence of the flame at the flare once per shift.
- (b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.